## WHAT IS CLAIMED IS:

1. A method for facilitating removal of foreign material associated with workpieces using a mobile furnace, the method comprising:

providing said mobile furnace with a shell defining a combustion chamber, the shell including a shell body and a cover pivotably mounted to the shell body, at least one wheel for supporting the shell so at to make the furnace mobile, and a support device disposed within the shell and operatively connected to the cover for supporting a workpiece in the combustion chamber;

moving the mobile furnace to a first location;

placing a workpiece on the support device;

heating the workpiece in the furnace for a time period and at a temperature sufficient to facilitate removal of foreign material associated with the workpiece;

removing the workpiece from the furnace; and

transporting foreign material burned in the furnace to a second location including placing the workpiece on a support device operatively connected to a cover of the furnace.

- 2. The method of claim 1, wherein the temperature is at least 700°F.
- 3. A method for removing foreign material from workpieces, comprising: providing a furnace;

heating a workpiece in said furnace for a time and at a temperature sufficient to heat said foreign material and a surface of said workpiece while preventing thermal migration to a core of said workpiece.

4. The method according to claim 3, wherein said heating prevents

deformation of said workpiece.

- 5. The method according to claim 3, wherein said heating prevents degradation of thermal treatment parameters.
  - 6. The method according to claim 3, wherein said heating is flash heating.
- 7. The method according to claim 6, wherein the heating follows a temperature curve from ambient to 900°F in about thirty seconds.
- 8. The method according to claim 3, further comprising the step of having a controlled cool down rate.
- 9. The method according to claim 3, wherein said heating is controlled by a programmed microprocessor for controlling time and temperature.
- 10. The method according to claim 3, wherein the furnace is a mobile furnace.
  - 11. A method for removing foreign material from a workpiece, comprising: providing a furnace;

placing said workpiece within said furnace;

heating said workpiece in said furnace for a time period and at a temperature so as to remove said foreign material while preventing deformation of said workpiece and preventing degradation of thermal treatment parameters of said workpiece;

wherein thermal migration is prevented between a surface of said workpiece and a core of said workpiece.

12. The method according to claim 11, wherein the temperature is 900°F and the time period is approximately thirty seconds.

- 13. The method according to claim 11, wherein said workpiece is an automobile part.
- 14. The method according to claim 13, wherein the part is an automobile fender.
- 15. The method according to claim 13, wherein the part is an automobile rim.
- 16. The method according to claim 11, wherein the heating is flash heating.